

OREGON CROP WEATHER



OREGON
AGRICULTURAL
STATISTICS
SERVICE

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Weather and Overview: Conditions were generally hot and dry across the State. Excluding coastal areas, temperatures ranged from 0 to 12 degrees above normal. The high temperature recorded for the week was 98 degrees in Hermiston, The Dalles, and Ontario. Several other areas recorded high temperatures in the mid to upper 90's. Precipitation was limited and amounts ranged from 0 to .39 inches in Joseph. No precipitation was recorded in the southwest valleys or the Willamette Valley.

Field Crops: Haying continued Statewide. Cereal Leaf Beetle was found in Baker County and central Oregon. In Wasco County, drought stress became pronounced in the winter wheat crop and some fields were starting to turn straw colored. In Sherman County, showers last weekend helped wheat yields, but more moisture is needed to fill heads. High temperatures accelerated drought conditions in parts of Gilliam County. Mint in central Oregon is starting to grow with the warmer weather. In the Willamette Valley, grass seed fields were approaching swathing. In Marion and Polk counties rust was found in some of the spring wheat and grass seed fields.

Vegetables: In the Willamette Valley, vegetables crops were in all stages of growth and in need of moisture. Lane County reported sweet corn and green beans up about 8 inches. Final planting of sweet corn for processing should be completed next week in Washington County; potatoes reported healthy. East of the Cascades, Union County reported potato growth accelerated with recent warm temperatures.

Nurseries and Greenhouses: Nurseries and Greenhouses starting to move into summer activities. The major activities are rotation of pots and lots of irrigation. Oregon's major nursery area had two days with high temperatures over 90 degrees last week which was very unusual this early in the summer. Easter lily growers were working their fields. Christmas trees are in excellent condition.

Fruit: Willamette Valley strawberry harvest continues in full swing. Raspberries should be ready soon and Marionberries were forming berries. Hazelnuts began to size. The cherry crop looked variable and the peach crop looked moderate. Warm weather in Yamhill County increased ripening of sweet cherries. Wasco County Royal Anne sweet cherry harvest should begin soon, while Bing harvest should begin early next week. Southern coast cranberry bloom continued; growers monitored weevil activity with sweep nets. Josephine County fruit crop is expected to be light due to a myriad of weather and pest problems.

Livestock Range and Pasture: Livestock doing well, mostly on good pastures in western counties, but hot weather last week really made an impact on some pastures on shallow soils. Last week 90 degree days dried up the much needed moisture. Bottom land pastures in coastal areas were good. Pastures in coastal hills fair. Pasture irrigators in coastal areas report drier conditions partly because of wind; weeds are beginning to be prominent, especially buttercup and thistle. Rains helped eastern Oregon pastures in upper elevations but was too late for lower areas especially those pastures with predominant annual grasses. Most ranges are matured and drying out. Low or non existent stock water levels a problem for stockmen. Livestock fair to good.

Crop & Pasture Condition Week Ending 6/16/2002

	Very poor	Poor	Fair	Good	Excellent
Winter Wheat %	34	21	26	17	2
Barley %	13	19	44	23	1
Range & Pasture %	16	15	38	29	2

Crop Progress Week Ending 6/16/2002

	This week	Previous week	Last year	5 year average
Barley headed (%)	73	64	66	na
Winter wheat headed (%)	97	77	72	88
Days suitable for fieldwork ^{1/}	6.7	6.2	na	na

^{1/} Fraction indicates that conditions vary by locale.
na= not available.

Soil Moisture Week Ending 6/16/2002

	Very short	Short	Adequate	Surplus
Topsoil (%)	27	42	31	--
Subsoil (%)	30	35	35	--

U.S. DEPARTMENT OF AGRICULTURE
Oregon Agricultural Statistics Service

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Western Oregon

CLACKAMAS: A few very warm days allowed many operators to get some hay made. Winter wheat still looks good. Grass seed fields are almost ready for swathing. Strawberry picking was in full swing on a good crop. Raspberries will be ready soon. Marion blackberries were forming berries. Hazelnuts starting to size. Vegetable crops were in all stages of growth and in need of rain or irrigation. Irrigation was in full swing at most nurseries. Some marketing continued. Livestock were doing well on mostly good pastures although some rain would help.

COOS/CURRY: Cranberry bloom continued; honeybees and bumblebees were active. Recently emerged black vine weevil adults were active in some beds. Growers were monitoring weevil activity with sweep nets. Pastures in bottom ground in good condition; hill ground was fair. Livestock mostly good. Grass hay and silage making progress; some producers have started their second cutting of silage. First cutting of hay being completed. Production appears to be down by as much as 40% in some areas. Pasture irrigators report drier conditions, partly because of wind. Lots of sunshine until midweek, then cloudy conditions prevailed with some clearing. Dry for the most part. Average air temperatures at coastal AgriMet weather stations ranged from 53.8 to 54.7 degrees F; highs ranged from 61.4 to 72.1; lows ranged from 45.1 to 47.5. Precipitation ranged from 0.00" to 0.02". Growing degree days (base 50 deg F) ranged from 38 to 43 GDD.

CLATSOP: Haying started. Warm, dry temperatures allowed hay to dry out and be baled versus made into silage. Livestock good. Range and pasture 10% fair, 80% good, 10% excellent. Weeds are beginning to be prominent, such as buttercup and thistle.

JOSEPHINE: High temperatures caused soils to dry out. Hail spots are starting to show on some of the grapes. Grapes that were froze have new growth, no blooms yet. Serious powdery mildew problem on ornamental varieties. Fungus and bugs are serious problem this year. Apples and roses are really bad for all of the above. Raspberries rebloomed and will have some fruit. Not as plentiful as the first crop was. Cherries appear to be limited; one area has heavy set, other areas have none at all. All fruit crops will be light. Beautiful weather. Hot days with wind and cool nights.

LANE: Hay being baled. Many grass seed fields heading. Codling moth in apples in big numbers. Apple crop looks pretty good. Pear crop looks down. Cherry fruit fly out. Cherry crop variable. Some peaches dropped in large numbers; crop looks moderate. Strawberries are okay. Other small fruits developing nicely. Corn and green beans up about 8 inches. Greenhouse and nursery sales strong.

MARION: Most red clover seed fields have been cut for hay or chopped for silage. Recent dry weather has allowed alfalfa hay growers to get fields cleaned up. Grass hay being made with the good weather. Rust has become a bit of a problem in some of the spring wheat fields. Rust also showing up in many of the grass seed fields but was being controlled as needed. Most fields could use some water. Most farmers with strawberries were picking; berries looked very good.

POLK: Haying continued with both grass and alfalfa being baled. Red clover has been harvested for both hay and silage. Some spring wheat showing signs of rust and grass fields being selectively sprayed also. Ground being worked for field corn. Hot weather has made an impact on some pastures on shallow soils.

WASHINGTON: Haying continued in best drying weather in some time. Red clover making good growth. Crimson clover nearing maturity. Strawberries were producing well. Caneberries setting fruit. Final planting of sweet corn for cannery next week. Potatoes look healthy. All vegetables growing well. At greenhouses and nurseries rotation of pots continued and irrigation being applied strongly. Livestock fair. Range and pasture 20% poor, 50% fair, 30% excellent. Last week's 90 degree days dried up much needed moisture.

YAMHILL: Last week's warmer weather has increased the rate of ripening on the sweet cherry crop. Warmer weather has accented the decline of young trees with trunk or root damage.

Eastern Oregon

BAKER: Hard freeze last weekend "nipped" a lot of potatoes and burned a few down. Most winter wheat wasn't developed enough to be damaged. Cereal Leaf Beetle hitting some spring barley and wheat. Livestock good. Range and pasture 60% fair, 40% good. Higher forest range looking good. Lower elevations were drying badly.

CROOK/DESCHUTES: Mint is finally growing with the warmer weather. Did have some very light showers with some hay down in the fields. The Cereal Leaf Beetle is widespread throughout the Prineville Valley from Ochoco Dam (east of Prineville) to 8 or 9 miles west of Prineville on the highway to Madras. The Beetle has not been found in the Powell Butte area. No rain this last week.

GILLIAM: Temperatures in the 90's accelerated the impact of drought in all parts of the county.

HARNEY: Hay beginning to be cut. Meadows and alfalfa beginning to dry up. Livestock good. Range and pasture 30% fair, 70% good. Weather has been hot and dry.

HOOD RIVER: Warm, dry conditions prevailed after rain early in the week.

KLAMATH: Several nights of freezing weather has taken a toll on the first cutting of alfalfa, the grain crops and pasture.

LAKE: Frost damage from the previous weekend has caused some producers to begin harvesting hay crops early. Mid-week was unseasonably warm--daytime temperatures in the high 80's to low 90's.

MALHEUR: Hay baling in full swing. Early winter wheat showing color. Warm weather has helped growth in all vegetable crops. Irrigating, spraying and cultivating continued. No rain to help ranges during the week. Hot weather during the later part of the week started the corn and alfalfa on the road to recovery. Range in the Jordan Valley area is holding good. The Succor Creek area is drier than expected. Range in the north end of the county is good but is beginning to turn brown.

MORROW: Livestock fair. Range and pasture 50% poor, 50% fair. Have had about 2" of rain in the last two weeks. It should really help the higher elevation pastures; too late for lower elevations.

SHERMAN: Still have some pretty good stands of wheat but need the moisture to fill the heads and make yields. Impacts of late frost the first week of May have left a notable fingerprint in many areas, but is erratic in area of damage. Nice shower last weekend was welcomed. It will make some bushels, but offered more in the way of promise. Hay being baled, rye wicked, some fertilizing. Rain showers were welcomed on the range, but will not have much benefit on pastures with predominant annual grasses. Cheat grass beyond being a feed source. Stock water will be a challenge all summer. Many ponds that normally store water into August have been bone dry since July 2000. Crop yield estimates are still subject to wide ranges, but generally most agree there will be more bushels and more acres harvested than last year. Still will be tighter year for support industries.

UNION: First cutting of alfalfa and grass hay being baled. Some dryland cereal crops are being cut for hay instead of grain. Potatoes and sugarbeet growth increasing with recent warm temperatures. Grass seed crops have headed out and are in various stages of flowering. Winter wheat flowering as well. Received very little precipitation over the last week. Dryland crops are showing symptoms of drought stress. Crop year moisture is 73% of the 30-year average.

WALLOWA: Good moisture received over the weekend and first part of the week. Warmer temperatures coming towards the end. Grass on rangeland is short and starting to head out due to cold spring weather. Grain crops, for the most part, are looking good for now.

WASCO: Wednesday through Saturday was extremely hot, Sunday cooled down slightly. A number of fields are starting to turn straw colored. Moisture stress to the winter wheat crop became very pronounced by end of week. Wild rye roguing from wheat fields was active all week. Swathing and chemical wicking were methods being used for rye control. Field work on summer fallow acreage included cultivation and fertilizing. First cutting of alfalfa hay continued vigorously, followed with irrigation for second cutting growth. Irrigation water supplies were adequate for now. Cherry fruit set is light to moderately light. Fruit quality remains high. Cherries should be very large. Harvest of Royal Anne cherries will probably start June 17 while Bing harvest should begin June 23 or 24. Cherry growers were making final harvest preparations, placing ladders and boxes among the trees. Apricots have reached maturity in size, but have not started to color. Most range grasses are fully matured and drying out; sheep and cattle are foraging well. Rain would be appreciated on the pastures. The week ended Sunday on a cooler note with strong northwest winds.

WEATHER DATA FOR SELECTED STATIONS IN OREGON WEEK ENDING June 16,2002 (as of 11:00 am)

STATION	AIR TEMPERATURE				GROWING DEGREE DAYS BASE-50F		LAST WEEK PRECIP			SEASON CUM PRECIPITATION			
	LO	HI	AVG	DFN	TOTAL	DFN	TOTAL INCHES	DFN	DAYS	TOTAL INCHES	DFN	PCT NORMAL	DAYS
COASTAL AREAS													
Astoria	50	82	60	3	67	21	0.00	-0.59	0	64.71	1.79	103	180
Brookings	41	63	54	-5	27	-29	0.01	-0.38	1	70.80	0.48	101	135
Newport	46	87	63	9	93	60	0.35	-0.33	3	50.85	-17.70	74	150
North Bend	50	64	57	0	51	2	0.00	-0.41	0	58.93	-2.38	96	147
Tillamook	46	83	58	3	60	21	0.06	-0.73	1	84.42	0.45	101	185
WILLAMETTE VALLEY													
Corvallis	39	95	65	5	103	30	0.00	-0.3	0	31.97	-8.86	78	122
Eugene	38	89	62	1	84	4	0.00	-0.35	0	35.37	-11.87	75	138
Hillsboro	45	96	65	5	108	31	0.00	-0.35	0	36.54	1.17	103	144
McMinnville	43	93	64	4	98	23	0.00	-0.26	0	37.50	-4.09	90	145
Portland	52	97	68	6	127	36	0.00	-0.36	0	34.84	0.84	102	150
Salem	43	93	64	4	102	25	0.00	-0.35	0	39.54	2.23	106	135
SW VALLEYS													
Grants Pass	46	96	69	4	136	26	0.00	-0.14	0	25.27	-4.87	84	99
Medford	44	96	70	5	145	35	0.00	-0.14	0	16.07	-1.79	90	96
Roseburg AP	45	97	68	6	124	33	0.00	-0.21	0	27.32	-4.05	87	119
NORTH CENTRAL													
Condon	45	91	66	8	115	51	0.15	-0.13	1	9.04	-3.46	72	88
Heppner	48	93	68	6	126	37	0.22	0.00	1	8.77	-3.76	70	82
Hermiston AP	48	98	73	7	160	45	0.02	-0.11	1	5.63	-2.57	69	58
John Day AP	37	91	66	6	115	37	0.11	-0.24	1	7.71	-3.59	68	92
Moro	44	89	67	7	120	46	0.08	-0.06	1	8.66	-1.44	86	64
Pendleton AP	49	93	70	5	139	30	0.05	-0.09	1	8.79	-2.09	81	89
The Dalles	50	98	72	12	153	77	0.06	-0.08	1	9.95	-1.52	87	89
SOUTH CENTRAL													
Bend	39	90	61	5	82	30	0.00	-0.21	0	7.95	-2.30	78	64
Burns	31	89	61	4	75	22	0.06	-0.15	1	7.24	-1.31	85	69
Klamath Falls	34	86	61	0	76	3	0.00	-0.15	0	12.27	0.00	100	84
Lakeview	30	88	59	1	68	6	0.00	-0.28	0	6.32	-7.95	44	60
Redmond	38	93	65	7	104	40	0.00	-0.18	0	5.83	-1.46	80	67
NORTHEAST													
Baker City	32	88	61	2	78	9	0.06	-0.29	1	6.62	-2.15	75	83
Joseph	36	90	58	5	70	37	0.39	-0.03	3	14.65	-7.55	66	121
La Grande	36	90	65	4	107	24	0.08	-0.27	1	5.65	-9.67	37	58
Union Exp Stn	38	91	62	3	88	22	0.19	-0.21	1	9.01	-2.60	78	91
SOUTHEAST													
Ontario	42	98	70	3	138	12	0.00	-0.19	0	5.13	-3.65	58	67
Rome	36	93	65	2	109	13	0.16	-0.08	1	2.85	-4.19	40	33

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